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APPLICANT : GRAND POLYMER:KK;

INVENTOR : TAKADA KEI;

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TITLE : POLYOLEFIN RESIN COMPOSITION FOR SHRINK FILM AND THE SAME SHRINK FILM

ABSTRACT : PROBLEM TO BE SOLVED: To obtain the subject lightweight composition capable of forming a shrink (stretch) film rapidly increasing the heat shrinkage percentage at high temperature and having a low after shrinkage percentage at low temperature by including a polyolefin resin and a specific amorphous resin in a specified proportion.

SOLUTION: This composition is obtained by including (A) 99-50 pts.wt. of a polyolefin resin and (B) 1-50 pts.wt. of an amorphous resin having 20-90°C glass transition temperature and >1,000 number-average molecular weight measured by a GPC method (the total amount of the components A and B is 100 pts.wt.). The component A is preferably a binary or a ternary propylene- $\alpha$ -olefin random copolymer prepared by carrying out random copolymerization of propylene with 2-20 mol% of other  $\alpha$ -olefins, (e.g. a propylene-ethylene random copolymer), etc. The component B is preferably a cyclic olefinic resin, etc., such as an ethylene-tetracyclododecene copolymer.

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